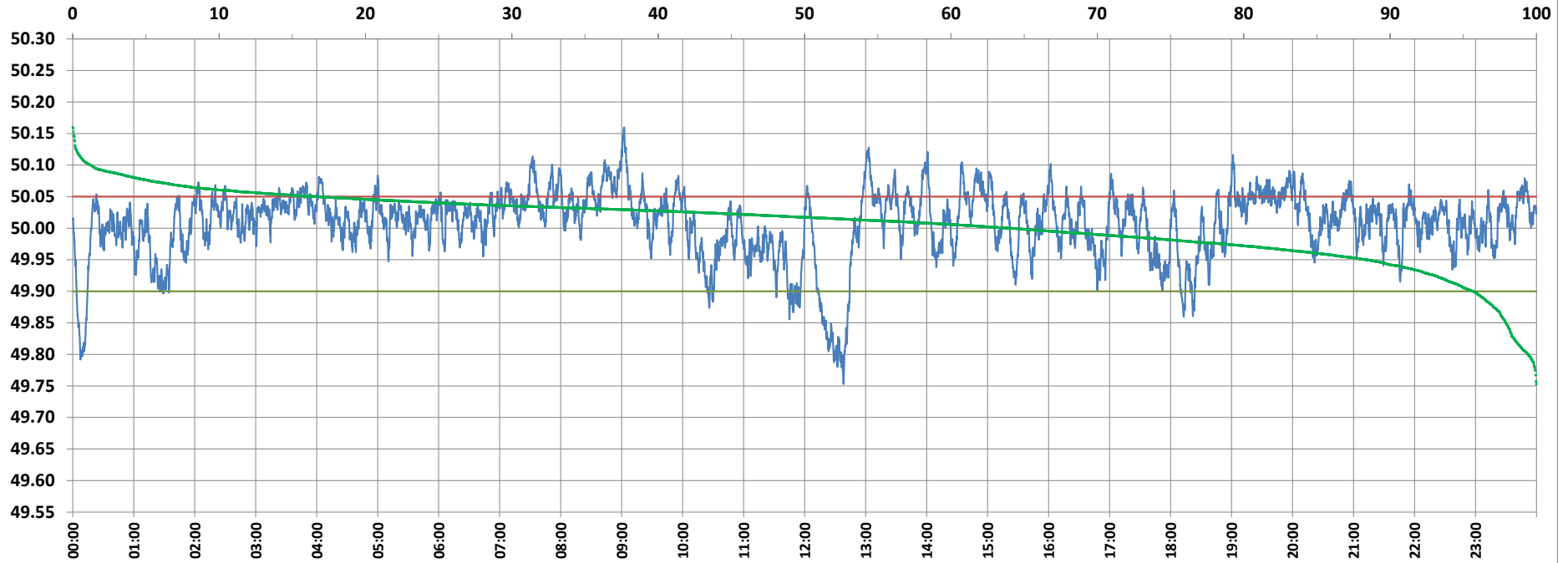


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Oct-2021 (Thursday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	4.29	18.99	0.56	3.74	31.56	62.87	1.27	78.85	100.00	43.88	15.58	64.14	37.13	16.85	0.00	11.55	71.60	7.26

Average Frequency : 50.007	Frequency Variation Index : 0.0291	Standard Deviation : 0.0535	Mileage: 44.7	FDI: 21.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.160	9:02:20
Min	49.753	12:38:10

15 minute Average Frequency		
Max	50.079	9:00:00
Min	49.817	12:45:00

No. of excursions	
above 50.03 Hz	249
below 49.97 Hz	112
above 50.00 Hz	160
below 50.00 Hz	159

Average time freq per excursion remains	
below 49.97	0:02:27
above 50.03	0:02:09

No. of hours freq outside 49.9-50.05 Hz	5:04:30
---	---------

Source : AGRA 10 Sec. (8640 samples)